WHAT IS CLAIMED IS:

- 1. A method for creating an authenticable image on a receiver, the method comprising the steps of:
- (a) providing a first carrier formed from information related to a physical characteristic of the receiver,
 - (b) providing a second carrier that is randomly generated;
- (c) combining the first and second carrier such that the first carrier cannot be derived without the second carrier for forming a combined carrier;
- (d) combining the combined carrier with predetermined content for forming the authenticable image having the predetermined content; and
- (e) including the authenticable image having the predetermined content on the receiver.
- 2. The method of claim 1, wherein step (a) includes providing fibrous content as the discernible physical characteristic of the receiver
- 3. The method as in claim 2, wherein step (a) includes creating the first carrier from scanning a predetermined region of the receiver.
- 4. The method of claim 1, wherein steps (a) and (b) include creating the first and second carriers by:
- i) transforming the carrier to a Frequency domain to form a transformed carrier;
- shaping a spectrum of the transformed carrier to cancel the anticipated MTF effect of the print process or to facilitate the human visual system; and
 - iii) inverse transforming the transformed carrier.

- 5. The method of claim 1 further comprising the step of encrypting the predetermined content.
- 6. A method of authenticating a receiver having an authenticable image that includes predetermined content integrally combined with information related to the discernible physical characteristic of the receiver, and integrally combined with a second carrier generated from a random key, the method comprising the steps of:
- (a) scanning the authenticatable image on the receiver to produce information related to the discrenible physical characteristic of the receiver;
- (b) discerning the physical characteristics to form the first carrier;
 - (c) providing a second carrier generated from a random key;
- (d) discerning a message using the first and second carriers in combination with the scanned authenticable image;
 - (e) providing the predetermined content; and
- (f) determining the authenticity of the receiver upon comparing the message with the predetermined content.
- 7. The method of claim 6, wherein step (c) includes discerning the physical characteristic of the authenticated receiver by scanning a portion of the receiver on which the authenticatable image is formed.
- 8. The method of claim 7, wherein step (c) includes determining fibrous content as the discernible physical characteristic of the receiver.
 - 9. An authenticatable digital image, comprising:

- a) an input image which will be visible to a viewer when the authenticatable image is visually viewed; and
- b) embedded content integrally combined with the input image formed from a discernible physical characteristic related to the receiver into which the authenticatable image will be provided, and integrally combined with a second carrier that is randomly generated.
- 10. The method of claim 9, wherein step (b) includes determining fibrous content as the discernible physical characteristic of the receiver.